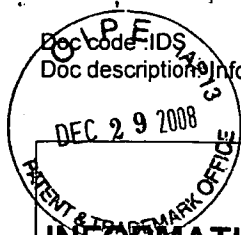


Receipt date: 12/29/2008

10573908 - GAU: 1792



Doc code: IDS
Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (03-08)
Approved for use through 07/31/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10573908
Filing Date	2006-12-18
First Named Inventor	Robert Drake et al.
Art Unit	1762
Examiner Name	N/A
Attorney Docket Number	MSP638PCT1US/071049.00006

U.S.PATENTS

Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	4212719		1980-07-15	Osada et al.	
	2	4582746		1986-04-15	Shirahata et al.	
	3	4588641		1986-05-13	Haque et al.	
	4	4929319		1990-05-29	Dinter et al.	
	5	5026463		1991-06-25	Dinter et al.	
	6	5041304		1991-08-20	Kusano et al.	
	7	5110618		1992-05-05	Faust	
	8	5185132		1993-02-09	Horiike et al.	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10573908
Filing Date	2006-12-18
First Named Inventor	Robert Drake et al.
Art Unit	1762
Examiner Name	N/A
Attorney Docket Number	MSP638PCT1US/071049.00006

9	5290378	1994-03-01	Kusano et al.	
10	5340454	1994-08-23	Schaefer et al.	
11	5340618	1994-08-23	Tanisaki et al.	
12	5366770	1994-11-22	Wang	
13	5414324	1995-05-09	Roth et al.	
14	5529631	1996-06-25	Yoshikawa et al.	
15	5543017	1996-08-06	Uchiyama et al.	
16	5835677	1998-11-10	Li et al.	
17	5876753	1999-03-02	Timmons et al.	
18	5944901	1999-08-31	Landes et al.	
19	6086710	2000-07-11	Miyashita et al.	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10573908
Filing Date		2006-12-18
First Named Inventor	Robert Drake et al.	
Art Unit	1762	
Examiner Name	N/A	
Attorney Docket Number	MSP638PCT1US/071049.00006	

	20	6285032		2001-09-04	Hahne et al.	
	21	6331689		2001-12-18	Branston et al.	
	22	6342275		2002-01-29	Miyakawa et al.	
	23	6368665		2002-04-09	Hunt et al.	
	24	6396214		2002-05-28	Grosse et al.	
	25	6613394		2003-09-02	Kuckertz et al.	
	26	6705127		2004-03-16	Cain et al.	
	27	6746721		2004-06-08	Moser	
	28	6800336		2004-10-05	Fornsel et al.	
	29	5620743		1997-04-15	Harth et al.	

If you wish to add additional U.S. Patent citation information please click the Add button.

U.S.PATENT APPLICATION PUBLICATIONS

Receipt date: 12/29/2008

10573908 - GAU: 1792

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10573908
Filing Date	2006-12-18
First Named Inventor	Robert Drake et al.
Art Unit	1762
Examiner Name	N/A
Attorney Docket Number	MSP638PCT1US/071049.00006

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	20010020448		2001-09-13	Vaartstra et al.	
	2	20020015797		2002-02-07	Hunt et al.	
	3	20020129902		2002-09-19	Babayan et al.	
	4	20020192057		2002-12-19	Meulen	
	5	20040050685		2004-03-18	Yara et al.	
	6	20050158480		2005-07-21	Goodwin et al.	
	7	20050178330		2005-08-18	Goodwin et al.	
	8	20050214476		2005-09-29	Goodwin et al.	
	9	20050241582		2005-11-03	Dobbyn et al.	
	10	20080118734		2008-05-22	Goodwin et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		10573908
	Filing Date		2006-12-18
	First Named Inventor	Robert Drake et al.	
	Art Unit	1762	
	Examiner Name	N/A	
	Attorney Docket Number	MSP638PCT1US/071049.00006	

If you wish to add additional U.S. Published Application citation information please click the Add button.

FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1	DE19546187	DE		1997-06-12	Neumann et al.		<input type="checkbox"/>
	2	DE19742619	DE		1999-01-28	Branston et al.		<input type="checkbox"/>
	3	DE19924108	DE		2000-11-30	Schneider et al.		<input type="checkbox"/>
	4	DE19955880	DE		2001-05-23	Lange et al.		<input type="checkbox"/>
	5	EP0617142	EP		1994-09-28	Koinuma et al.		<input type="checkbox"/>
	6	EP0809275	EP		1997-11-26	Yuasa et al.		<input type="checkbox"/>
	7	EP0896035	EP		1999-02-10	Timmons et al.		<input type="checkbox"/>
	8	EP1326718	EP		2003-07-16	Goodwin et al.		<input type="checkbox"/>
	9	EP0431951	EP		1991-06-12	Horiike et al.		<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10573908
Filing Date		2006-12-18
First Named Inventor	Robert Drake et al.	
Art Unit	1762	
Examiner Name	N/A	
Attorney Docket Number	MSP638PCT1US/071049.00006	

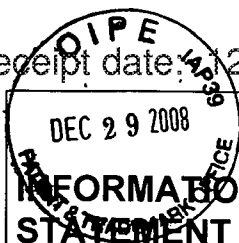
	10	FR2713511	FR		1995-06-16	Dumas et al.		<input type="checkbox"/>
	11	GB2326165	GB		1998-12-16	Hodgkin et al.		<input type="checkbox"/>
	12	GB2252559	GB		1992-08-12	Hare et al.		<input type="checkbox"/>
	13	JP62227905	JP		1987-10-06	Katsuya et al.		<input type="checkbox"/>
	14	JP07-062546	JP		1995-03-07	Okuno et al.		<input type="checkbox"/>
	15	JP07-138761	JP		1995-05-30	Maruyama et al.		<input type="checkbox"/>
	16	JP07-328427	JP		1995-12-19	Sawada et al.		<input type="checkbox"/>
	17	JP08-078529	JP		1996-03-22	Mori et al.		<input type="checkbox"/>
	18	JP10-275698	JP		1998-10-13	Miyashita et al.		<input type="checkbox"/>
	19	JP11-029873	JP		1999-02-02	Yara et al.		<input type="checkbox"/>
	20	JP11-241165	JP		1999-09-07	Yuasa et al.		<input type="checkbox"/>

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	10573908
	Filing Date	2006-12-18
	First Named Inventor	Robert Drake et al.
	Art Unit	1762
	Examiner Name	N/A
	Attorney Docket Number	MSP638PCT1US/071049.00006

	21	JP2000-192261	JP		2000-07-11	Koike et al.		<input type="checkbox"/>
	22	JP2000-212753	JP		2000-08-02	Bessho et al.		<input type="checkbox"/>
	23	JP2000-319427	JP		2000-11-21	Toda et al.		<input type="checkbox"/>
	24	JP2001-087643	JP		2001-04-03	Saeki et al.		<input type="checkbox"/>
	25	JP2002-057440	JP		2002-02-22	Uehara et al.		<input type="checkbox"/>
	26	WO95/18249	WO		1995-07-06	Miyakawa et al.		<input type="checkbox"/>
	27	WO98/10116	WO		1998-03-12	Kolluri		<input type="checkbox"/>
	28	WO99/05358	WO		1999-02-04	Sayers		<input type="checkbox"/>
	29	WO99/06204	WO		1999-02-11	Bolte et al.		<input type="checkbox"/>
	30	WO99/08803	WO		1999-02-25	Badyal		<input type="checkbox"/>
	31	WO99/66096	WO		1999-12-23	Branston et al.		<input type="checkbox"/>

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	10573908
	Filing Date	2006-12-18
	First Named Inventor	Robert Drake et al.
	Art Unit	1762
	Examiner Name	N/A
	Attorney Docket Number	MSP638PCT1US/071049.00006

	32	WO01/38596	WO		2001-05-31	Lange et al.		<input type="checkbox"/>
	33	WO01/40359	WO		2001-06-07	Goodwin et al.		<input type="checkbox"/>
	34	WO01/41942	WO		2001-06-14	Ben-Malek et al.		<input type="checkbox"/>
	35	WO01/59809	WO		2001-08-16	Herbert et al.		<input type="checkbox"/>
	36	WO01/76773	WO		2001-10-18	Thyen et al.		<input type="checkbox"/>
	37	WO02/26401	WO		2002-04-04	Ben-Malek et al.		<input type="checkbox"/>
	38	WO02/35576	WO		2002-05-02	O'Reilly et al.		<input type="checkbox"/>
	39	WO02/40742	WO		2002-05-23	Yara et al.		<input type="checkbox"/>
	40	GB2259185	GB		1993-03-03	Yoshikawa et al.		<input type="checkbox"/>
	41	JP03-115578	JP		1991-05-16	Notomi et al.		<input type="checkbox"/>
If you wish to add additional Foreign Patent Document citation information please click the Add button								
NON-PATENT LITERATURE DOCUMENTS								



**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10573908
Filing Date	2006-12-18
First Named Inventor	Robert Drake et al.
Art Unit	1762
Examiner Name	N/A
Attorney Docket Number	MSP638PCT1US/071049.00006

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1	The Cassell Paperback English Dictionary, Cassell Publishers Limited 1990, pages "Infusionism - Ink".	<input type="checkbox"/>
	2	Concise Science Dictionary, Second Edition, Oxford University Press, 1991, pages 166-167 and 570-571.	<input type="checkbox"/>
	3	Goossens et al, "Application of Atmospheric Pressure Dielectric Barrier Discharges In Deposition, Cleaning And Activation", Surfaces & Coatings Technology, 142-144 (2001) 474-481.	<input type="checkbox"/>
	4	Goossens et al, "The DC Glow Discharge At Atmospheric Pressure", IEEE Transactions On Plasma Science, Vol. 30, February 1, 2002, pages 176-177.	<input type="checkbox"/>
	5	Kanazawa et al., "Glow Plasma Treatment At Atmospheric Pressure For Surface Modification And Film Deposition", Nuclear Instruments and Method in Physics Research, 1989, pages 842-845.	<input type="checkbox"/>
	6	Karthikeyan, "Plasma Spray Synthesis of Nanomaterial Powders and Deposits", Materials Science and Engineering, September 6, 1996, pages 275-286.	<input type="checkbox"/>
	7	Kunhardt, "Generation of Large-Volume, Atmospheric-Pressure, Nonequilibrium Plasmas", IEE Transactions on Plasma Science, Vol. 28, No. 1, February 2000, pages 189-200.	<input type="checkbox"/>
	8	Massines et al., "Experimental And Theoretical Study Of A Glow Discharge At Atmospheric Pressure Controlled By Dielectric Barrier", Journal of Applied Physics, Volume 83, Number 6, March 15, 1998, pages 2950-2956.	<input type="checkbox"/>
	9	Bolte et al., "Neues Primerverfahren fur Metalloberflächen zur nachfolgenden UV-Lackierung" Coatings 02/1998, pages 38-40.	<input type="checkbox"/>
	10	S. Okazaki et al. , "Glow Discharge Plasma At Atmospheric Pressure And Its Application", Proc. Jpn. Symp. Plasma Chem./ Vol 2. 1989, pages 95-102.	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10573908
Filing Date	2006-12-18
First Named Inventor	Robert Drake et al.
Art Unit	1762
Examiner Name	N/A
Attorney Docket Number	MSP638PCT1US/071049.00006

11	Park et al, "Gas Breakdown in an Atmospheric Pressure Radio Frequency Capacitive Plasma Source ", Journal of Applied Physics, Vol. 89, No. 1, January 2001.	<input type="checkbox"/>
12	Plasma Dictionary: Term: GLOW DISCHARGE extracted from http://plasmadictionary.llnl.gov/terms/lasso?0Max/Records=1&SkinRecords=1&Sort , dated November 13, 2006.	<input type="checkbox"/>
13	J. R. Roth, "Industrial Plasma Engineering", Institute of Physics, London (2001), pgs. 55-58.	<input type="checkbox"/>
14	Salge, "Plasma-assisted Deposition At Atmospheric Pressure", Surface and Coatings Technology, 80, 1996, pages 1-7.	<input type="checkbox"/>
15	Sawada, "Synthesis of Plasma-Polymerized Tetraethoxysilane and Hexamethyldisiloxane Films Prepared By Atmospheric Pressure Glow Discharge", Phys. D. Appl. Phys. 28, 1995, pages 1661-1669.	<input type="checkbox"/>
16	SCHÜTZE et al., "The Atmospheric-Pressure Plasma Jet: A Review and Comparison...", IEEE Trans On Plasma Science, Vol. 26, No. 6, 1998, Pages 1685-1694.	<input type="checkbox"/>
17	Tendero et al., "Atmospheric Pressure Plasmas: A Review", Spectrochimica Acta Part B, 2005, pages 1-16.	<input type="checkbox"/>
18	Thyen, "Plasmas-enhanced Chemical-Vapour-Deposition of Thin Films By Corona Discharge At Atmospheric Pressure", Surface and Coatings Technology 1997, pages 426-434.	<input type="checkbox"/>
19	Bolte et al., "Translation of "Neues Primerverfahren für Metalloberflächen zur nachfolgenden UV-Lackierung" (New Primer Process For Metallic Surfaces For Subsequent UV Lacquering), five pages.	<input type="checkbox"/>
20	English language abstract for DE 19546187, 06/12/1997.	<input type="checkbox"/>
21	English language abstract for DE19742619, 01/28/1999.	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10573908
Filing Date	2006-12-18
First Named Inventor	Robert Drake et al.
Art Unit	1762
Examiner Name	N/A
Attorney Docket Number	MSP638PCT1US/071049.00006

22	English language abstract for DE19924108, 11/30/2000.	<input type="checkbox"/>
23	English language abstract for DE19955880, 05/23/2001.	<input type="checkbox"/>
24	English language abstract for FR2713511, 06/16/1995.	<input type="checkbox"/>
25	English language Abstract for JP62227905A2, 10/06/1987.	<input type="checkbox"/>
26	English language abstract and translation for JP07-062546, 03/07/1995.	<input type="checkbox"/>
27	English language abstract and translation for JP07-138761, 05/30/1995	<input type="checkbox"/>
28	English language abstract and translation for JP07-328427, 12/19/1995.	<input type="checkbox"/>
29	English language abstract and translation for JP08-078529, 03/22/1996.	<input type="checkbox"/>
30	English language abstract and translation for JP1075698, 10/13/1998	<input type="checkbox"/>
31	English language abstract and translation for JP11-029873, 02/02/1999.	<input type="checkbox"/>
32	English language abstract for JP11-241165, 09/07/1999.	<input type="checkbox"/>

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	10573908
	Filing Date	2006-12-18
	First Named Inventor	Robert Drake et al.
	Art Unit	1762
	Examiner Name	N/A
	Attorney Docket Number	MSP638PCT1US/071049.00006

	33	English language abstract and translation for JP2000-192261, 07/11/2000.	<input type="checkbox"/>
	34	English language abstract and translation for JP2000-212753, 08/02/2000.	<input type="checkbox"/>
	35	English language abstract and translation for JP2000-319427, 11/21/2000.	<input type="checkbox"/>
	36	English language abstract and translation for JP2001-087643, 04/03/2001.	<input type="checkbox"/>
	37	English language abstract and translation for JP2002-057440, 02/22/2002.	<input type="checkbox"/>
	38	English language abstract for WO95/18249, 07/06/1995.	<input type="checkbox"/>
	39	English language abstract for WO99/06204, 02/11/1999.	<input type="checkbox"/>
	40	English language abstract for WO99/66096, 12/23/1999.	<input type="checkbox"/>
	41	English language abstract for WO01/38596, 05/31/2001	<input type="checkbox"/>
	42	English language abstract for WO01/41942, 06/14/2001.	<input type="checkbox"/>
	43	English language abstract for WO01/76773, 10/18/2001.	<input type="checkbox"/>

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		10573908
	Filing Date		2006-12-18
	First Named Inventor	Robert Drake et al.	
	Art Unit	1762	
	Examiner Name	N/A	
	Attorney Docket Number	MSP638PCT1US/071049.00006	

	44	English language abstract for WO02/26401, 04/04/2002.	<input type="checkbox"/>
	45	English language abstract for WO02/40742, 05/23/2002.	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature	/Austin Murata/	Date Considered	01/22/2010
--------------------	-----------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.